

Title (en)

MASS SPECTROMETER AND ION SOURCE USED THEREFOR

Title (de)

MASSENSPEKTROMETER UND IONENQUELLE DAFÜR

Title (fr)

SPECTROMÈTRE DE MASSE ET SOURCE D'IONS UTILISÉE POUR CELUI-CI

Publication

EP 2688086 A1 20140122 (EN)

Application

EP 12760440 A 20120127

Priority

- JP 2011061487 A 20110318
- JP 2012051822 W 20120127

Abstract (en)

The quantitative accuracy of analysis is improved without reducing the dynamic range for measurement of concentrations by performing stable ionization through electrospray or the like which repeats sampling and ionization using a movable probe electrode. A voltage is applied from a high-voltage power source 4 to a sample transport electrode 7 having a plurality of probe electrodes 1 and a driving section 3 drives the sample transport electrode 7 to rotate. The plurality of probe electrodes 1, to which a sample solution 5 is adhered, are sequentially transported to an inlet 21 of a mass spectrometer 20, thus electrospray ionization is continuously performed.

IPC 8 full level

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CPC (source: EP US)

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